

# SEQUENCE LISTING

<110> Nelsetuen, Gary L.

<120> MODIFIED VITAMIN K-DEPENDENT  
POLYPEPTIDES

<130> 09531-016001

<150> 09/302,239

<151> 1999-04-29

<150> 08/955,636

<151> 1997-10-23

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<212> PRT

<213> Homo sapiens

<220>

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<222> (0)...(0)

<223> Xaa=gamma carboxyglutamic acid or glutamic acid

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Cys	Ile	Xaa	Xaa	Ile	Cys	Asp	Phe	Xaa	Xaa	Ala	Lys	Xaa	Ile	Phe	Gln
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Asn	Val	Asp	Asp	Thr	Leu	Ala	Phe	Trp	Ser	Lys	His				
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<210> 2

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<212> PRT

<213> Bos taurus

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<400> 2

Ala	Asn	Ser	Phe	Leu	Xaa	Xaa	Leu	Arg	Pro	Gly	Asn	Val	Xaa	Arg	Xaa
1				5					10					15	
Cys	Ser	Xaa	Xaa	Val	Cys	Xaa	Phe	Xaa	Xaa	Ala	Arg	Xaa	Ile	Phe	Gln
		20						25					30		
Asn	Thr	Xaa	Asp	Thr	Met	Ala	Phe	Trp	Ser	Phe	Tyr				
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<400> 3  
 Ala Asn Ala Phe Leu Xaa Xaa Leu Arg Pro Gly Ser Leu Xaa Arg Xaa  
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 20 25 30  
 Asp Ala Xaa Arg Thr Lys Leu Phe Trp Ile Ser Tyr  
 35 40

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<400> 4  
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 1 5 10 15  
 Cys Arg Xaa Xaa Leu Cys Ser Phe Xaa Xaa Ala His Xaa Ile Phe Arg  
 20 25 30  
 Asn Xaa Xaa Arg Thr Arg Gln Phe Trp Val Ser Tyr  
 35 40

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<400> 5  
 Tyr Asn Ser Gly Lys Leu Xaa Xaa Phe Val Gln Gly Asn Leu Xaa Arg  
 1 5 10 15  
 Xaa Cys Met Xaa Xaa Lys Cys Ser Phe Xaa Xaa Ala Arg Xaa Val Phe  
 20 25 30  
 Xaa Asn Thr Xaa Arg Thr Thr Xaa Phe Trp Lys Gln Tyr  
 35 40 45

<210> 6  
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<400> 6  
 Tyr Asn Ser Gly Lys Leu Xaa Xaa Phe Val Gln Gly Asn Leu Xaa Arg  
 1 5 10 15  
 Xaa Cys Met Xaa Xaa Lys Cys Ser Phe Xaa Xaa Ala Arg Xaa Val Phe  
 20 25 30  
 Xaa Asn Thr Xaa Lys Arg Thr Thr Xaa Phe Trp Lys Gln Tyr  
 35 40 45

<210> 7  
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<400> 7  
 aaattaatac gactcactat agggagaccc aagctt 36

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<400> 8  
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<210> 9  
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<400> 9  
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<210> 11  
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<210> 12  
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<400> 15  
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36

<210> 16  
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<400> 16  
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36

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<223> Xaa=gamma carboxyglutamic acid or glutamic acid

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20 25 30  
Xaa Ser Leu Ser Ala Thr Asp Ala Phe Trp Ala Lys Tyr  
35 40 45

<210> 18  
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<400> 18  
Ala Asn Ser Phe Leu Xaa Xaa Val Lys Gln Gly Asn Leu Xaa Arg Xaa  
1 5 10 15  
Cys Leu Xaa Xaa Ala Cys Ser Leu Xaa Xaa Ala Arg Xaa Val Phe Xaa  
20 25 30  
Asp Ala Xaa Gln Thr Asp Xaa Phe Trp Ser Lys Tyr  
35 40

<210> 19

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<400> 19  
 Ala Asn Ser Leu Leu Xaa Xaa Thr Lys Gln Gly Asn Leu Xaa Arg Xaa  
 1 5 10 15  
 Cys Ile Xaa Xaa Leu Cys Asn Lys Xaa Xaa Ala Arg Xaa Val Phe Xaa  
 20 25 30  
 Asn Asp Pro Xaa Thr Asp Tyr Phe Tyr Pro Lys Tyr  
 35 40

<210> 20  
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<400> 20  
 Ala Gly Ser Tyr Leu Leu Xaa Xaa Leu Phe Xaa Gly Asn Leu Xaa Lys  
 1 5 10 15  
 Xaa Cys Tyr Xaa Xaa Ile Cys Val Tyr Xaa Xaa Ala Arg Xaa Val Phe  
 20 25 30  
 Xaa Asn Xaa Val Val Thr Asp Xaa Phe Trp Arg Arg Tyr  
 35 40 45

<210> 21  
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<400> 21  
 Ala Gly Ser Tyr Leu Leu Xaa Xaa Leu Phe Xaa Gly His Leu Xaa Lys  
 1 5 10 15  
 Lys Cys Trp Xaa Xaa Ile Cys Val Tyr Xaa Xaa Ala Arg Xaa Val Phe  
 20 25 30  
 Xaa Asp Asp Xaa Thr Thr Asp Xaa Phe Trp Arg Thr Tyr  
 35 40 45